

Navy Public Works Center
Detachment Philadelphia

STANDARD OPERATING PROCEDURE

WARNING SIGNS AND BARRICADES

PROCEDURE NUMBER 500 .16

DISCLAIMER: These Standard Operating Procedures (SOP) are for the exclusive use of NAVY PUBLIC WORKS CENTER (PWC) NORFOLK DETACHMENT PHILADELPHIA. They are promulgated as guidance for other NAVFAC COMMANDS. If intended to be used by other Activities, they must be tailored to each Activities particular requirement and must be reviewed/approved by the activities Safety Professionals prior to use.

Preparer: _____ (Date)

Approved: _____ (Date)

Safety Professional: _____ (Date)

Department Head: _____ (Date)

Officer in Charge _____ (Date)

Standard Operating Procedure **Warning Signs and Barricades**

General Background

The provision and placement of adequate warning signs and barricades is imperative for the protection of the general public as well as the worker. Failure to provide adequate barricading is a contributing factor in accidents such as pedestrians struck by tools, material, or equipment falling from heights. Lack of or improper types of barricades at roadway repair areas may cause collisions between vehicles; collisions with construction equipment; vehicles driven into open excavation. Failure to post warning signs and barricades may cause unnecessary exposure to asbestos dust during removal operations; exposures to poisonous lead dust.

General Requirements:

A. Barricades or warning signs shall be posted at work sites which, due to operations in progress, create a known unsafe or unhealthful condition. Examples of operations requiring the placement of warning signs or barricades, though not conclusive, including the following conditions:

1. Excavations in roadways, housing areas or other places which, while opened, may result in injury to personnel or cause property damage.
2. Open manholes on piers, roadways, and other based facilities.
3. Work areas where property damage or personnel injury may result from tools, materials, equipment, etc., from falling heights.
4. Areas, which may contain toxic hazards such as lead, work areas, sewer lift stations, or asbestos removal job sites.
5. Ground or roadway cave-ins.
6. Bucket trucks, JLG lifts, aerial platforms, etc., while a lift is in progress.
7. Confined spaces shall be posted with cautionary signs alerting personnel of potential hazards, space classification, testing requirements.
8. Barricades when installed should be anchored down so they do not tip over due to excessive winds.
9. Supervisors are responsible for the placement and maintenance of signs and barricades as required by this instruction for all jobs in progress. Supervisors shall post roadway traffic control devices as required by this instruction. Maintenance operations requiring the continual use of warning signs and barricades for several days and those areas requiring permanently posted signs shall be regularly checked by the supervisor to ensure adequate maintenance.

